

W6IFE San Bernardino Microwave Society Newsletter

W6IFE Newsletter

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The 2 **July 1998** meeting tech talk will be Doug, K6JEY on Rubidium frequency standards. The SBMS meets at the American Legion Hall 1024 Main Street (south of the 91 freeway) in Corona, CA at 1930 hours local time on the first Thursday each month.

Last meeting- George, K6MBL talked on the construction and operation of magnetons. George had a nice historical handout which covered the design and operation of the tube and some of the different versions of the device. thanks, George for the education. Visitors were Bob, K6ITU of Woodland Hills and Mel Swanberg, WA6JBD of Riverside. Welcome. Dave, K6OW indicated that he had sent an SBMS response to the FCC RM9267 attempted grab of 440 Mhz frequencies by the LMCC. ARRL had filed a good response also. If RM9267 advances to the next stage, then ALL amateurs will need to write the FCC in protest, or we will be setting president to lose all the bands. George, K6GMV brought in an original copy of the W6VIX 1956 polarplexer write up for the Society files. The 10,368.300 Mhz N6CA Palos Verde beacon will be moving to Mt Sabtiago before the August 10 Ghz contest. Need to keep this in mind when making frequency checks during the contest. The ARRL SW Division convention will be that same time as the 10 Ghz contest. SBMS has been asked to provide a tech talk during the microwave sessions. Hopefully they will allow the talks to be scheduled early to where the microwavers can make the contest too. Dave, K6OW and Joe, WA6PAZ have volunteered to speak. It was proposed that 25 July be a test day for those building gunnplexer rigs (and anyothers) to gather maybe in Fairview Park in Costa Mesa. This would be also a picnic and testing operation for both SBMS and the San Diego Microwave Group. Another shift in recording secretary was made at the meeting and Dick, K6HIJ volunteered to take over that in addition to his current job as treasurer. 26 people present.

Scheduling

1-2 August ARRL UHF contest

6 Aug. tech talk TBD

15-16 Aug. ARRL 10 GHz and Up cumulative 1st half

3 Sept. tech talk TBD

12 Sept. ARRL VHF QSO Party

19-20 Sept. ARRL 10 GHz and up cumulative 2nd half.

Activity reported at 4 June meeting

Dick, WB6DNX worked on 2 GHz rig and a 2 GHz beacon; Ken, WB6DTA emerged 3 with 10 GHz wbfm rigs, got his 2 GHz LO working and will be in DM22 in June; Chuck, WA6EXV overhauled his 3 and 5 GHz transverters, worked on another 5 GHz qualcom amplifier, and snow will keep him off Cory Pk but will on Walts point instead; Bill, WA6QYR worked on some more 2 GHz parts; Matt, KE6ALM worked on some GPS antennas; Jim, K6ML tested his 10 GHz rig at WB6DTA's house and is waiting for 2 GHz LO crystals; Kurt, K6RRA recrystallized his Drake 2 GHz converter and got one of the free 18 inch DSS dishes; Mel, WA6JBD copied the 2 GHz SBMS Heaps beacon message (not 100% for anyone yet) and had a 18 inch Edmund Scientific optical dish to show; Doug, K6JEY had a new 1.2 GHz radio; Dan, KM6PO worked on a 30 MHz preamp for a gunplexer rig; Derek, KN6TD worked on his 10 GHz rig and a 24 GHz dish; EricKD6GLP collected some more parts for his 10 GHz radio; George, K6MBL worked on internet and his tech talk; Dick, K6HIJ worked on SBMS finances; Larry, K6HLH built preamps for 12, 2.3 and 5.7 GHz rigs; Bob, K6ITU is building an ARR board; Bob, W6SYA worked on a 1.2 GHz transverter.

"Wants and Gots" for sale

Want- Yeasu FT911 1.2 GHz handheld, Dan KM6PO 714-970-1715

Want- 10 GHz power divider (last part of new rig) Eric, KD6GLP efort@fortconsulting.com

Got- 2 Bricks - one 10.630-11.130 GHz and one 11.3-11.63 GHz and one 5855-6105 MHz, \$25 each; 20w solid state amp 5925-6425 Mhz \$100; Lloyd AB6SM 562-943-0772 or novakent@loop.com.

Got- Systron Donner Portable Spectrum Analyzer Mod 751 1mhz-10.5 GHz \$400; HP5260a divide by 100 or 1000 prescaler for counter (12.4 GHz max) \$100 Doug, K6JEY 502-424-3737

Elmers- To help you get on the microwave bands, the following SBMS members are willing to assist you in assembly and test of equipment and mentoring as necessary:

Ken Halford, WB6DTA elmer group meets 3rd wed of the month 6:00 to 10:00 p.m. at 2901 Joaquin Burbank, CA 91504 818-848-9059.

Joe Saddler, WA6PAZ elmer group meets the last Saturday of each month following the TRW swap meet at 13909 Fidler in Bellflower, CA. Phone 714-704-7937 or 562-867-3294 to confirm a couple of days in advance. Directions to Joe's is exit the 105 Freeway at Bellflower Blvd. Go south to Rosecrans Ave. Turn right (west) on Fidler and head north to 13909.

Dave Laag, K6OW in Moreno Valley, CA at 11614 Indian St 909-924-1517.

Dick Bremer, WB6DNX in Brea at 1664 Holly 714-529-2800.

Al Johnson, K6LJM (ATV) in Running Springs, CA 909-867-7511.

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73's Bill

[back to sbms homepage](#)